IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A radio receiving apparatus comprising:

~~a first antenna and a second antenna that receive a radio signal;~~

~~a despreader that despreads said radio signal to obtain a despreading result;~~

~~a generation section that generates a delay profile based on said despreading result;~~

~~a detector that performs path detection based on said delay profile; and~~

~~a switching controller that inputs only the radio signal received by said first antenna to the despreader when the number of simultaneously connected cells has reached the simultaneously connectable number, and inputs both the radio signal received by said first antenna and the radio signal received by said second antenna to said despreader when the number of simultaneously connected cells has not reached the simultaneously connectable number.~~

a first antenna and a second antenna;

a synchronization processing section that despreads a received signal to obtain a despreading result and generates a delay profile based on the despreading result, and performs path detection based on the delay profile; and

a combining section that combines a plurality of signals obtained by despreading said received signal in accordance with a location of the detected path;

wherein said synchronization processing section:

when the number of simultaneously connected cells has reached the simultaneously connectable number, performs first processing that performs despreading and delay profile generation for said cells using a first received signal received by said first antenna, and then performs path detection of said first received signal; and

when the number of simultaneously connected cells has not reached the simultaneously connectable number, performs said first processing and second processing that performs despreading and delay profile generation using a second received signal received by said second antenna, and then performs path detection of both said first received signal and said second received signal.

2. (Currently Amended) The radio receiving apparatus according to claim 1, wherein:

~~said radio signal includes an HSDPA signal;~~

~~said generation section, when the number of simultaneously connected cells has not reached the simultaneously connectable number, generates a first delay profile for simultaneously connected cells for a radio signal received by said first antenna, and then generates a second delay profile for an HSDPA signal received by said second antenna; and~~

~~said detector performs path detection based on said first delay profile and said second delay profile.~~

said synchronization processing section, when the number of simultaneously connected cells has not reached the simultaneously connectable number, performs said second processing after performing said first processing.

3. (Currently Amended) The radio receiving apparatus according to claim 1, ~~further comprising a gain controller that performs automatic gain control using a gain value common to both a radio signal received by said first antenna and a radio signal received by said second antenna~~ wherein said synchronization processing section, when the number of simultaneously connected cells has not reached the simultaneously connectable number,

performs said second processing on an HSDPA signal included in said second received signal.

4. (Currently Amended) The radio receiving apparatus according to claim ~~3, wherein said gain controller finds said gain value based on the larger reception power of reception power of a radio signal received by said first antenna and reception power of a radio signal received by said second antenna~~ 1, wherein said synchronization processing section, when the number of simultaneously connected cells has not reached the simultaneously connectable number, performs said first processing and second processing within a total processing time of the simultaneously connectable number of cells.

5. (New) The radio receiving apparatus according to claim 1, wherein said synchronization processing section, when the number of simultaneously connected cells has not reached the simultaneously connectable number, assigns to fingers the greater number of paths than the number of paths assigned to fingers when the number of simultaneously connected cells has reached the simultaneously connectable number.

6. (New) The radio receiving apparatus according to claim 1, further comprising a gain control section that performs automatic gain control using a gain value common to both said first received signal and said second received signal.

7. (New) The radio receiving apparatus according to claim 6, wherein said gain control section finds said gain value based on the larger reception power of reception power of said first received signal and reception power of said second received signal.

8. (New) A mobile station apparatus equipped with the radio receiving apparatus according to claim 1.